BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :Development and Construction of Auditorium and Toilet at Yelahanka PU Collage in Ward No-01 of Yelahanka sub Division

MODIFIED SCHEDULE B

Item no	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri HV Omkarappa	
				Rate	Rate in words
1	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 5.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hirecharges of machineries etc., complete as per specifications. KBS No.5.4	Sqm	226.43	1073.61	Rupees One Thousand Seventy Three and Sixty Paise Only
2	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes@ 0.460 cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 ems thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) includingattached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6	Cum	3.35	6661.77	Rupees Six Thousand Six Hundred Sixty One and Seventy Seven Paise Only
3	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and I or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications	Tonne	5.78	83541.18	Rupees Eighty Three Thousand Five Hundred Forty One and Seventeen Paise Only
4	KSRB 15-3.5/15-4.7: Providing 15mm thick plain plastering in single coat to external masonry surfaces, in cement mortar 1:4 (1 cement : 4 fine sand) including providing & mixing water proofing compound of approved quality and make as admixture to cement mortar as per manufacturer's specifications, providing & removing necessary scaffolding, rounding of corners wherever required, sponge finishing, curing etc. including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc., compelte & as per specification and as directed by Engineer.	Sqm	146.49	297.83	Rupees Two Hundred Ninety Seven and Eighty Three Paise Only
5	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications.	Sqm	2995.33	120.07	Rupees One Hundred Twenty and Seven Paise Only
6	Providing barbed GI wire fencing of 12x12 gauge drawn into stone pillars or iron pillars including drawing in holes wherever necessary excluding the cost of pillars but including the cost of barbed wire and binding wire etc., including cost of materials, labour, HOM complete as per specifications.	m	173.20	37.67	Rupees Thirty Seven and Sixty Seven Paise Only

Contractor

Executive Engineer,
Yelahanka Division,
B.B.M.P, Bangalore - 64

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MODIFIED SCHEDULE B

Item no	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri HV Omkarappa	
				Rate	Rate in words
7	Fabricating, supplying & erecting M.S. Angular Truss for all spans as per approved designs and drawing. The entire truss is anchored suitably by using 4 Nos. of M.S. anchor bolts at each support, with base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S angle and welding wherever necessary, and applying one coat of red oxide primer coat to all the members including cost of all materials, labour charges, & hire charges of machineries for cutting, welding, grinding & erection equipments, etc., complete as per specification	kg	0.00	150.68	Rupees One Hundred Fifty and Sixty Eight Paise Only
8	Earthwork in surface excavation for levelling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications.	Cum	0.00	293.12	Rupees Two Hundred Ninety Three and Twelve Paise Only
9	Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration at 3.19 Litre/sqm., including cost of chemical, diluting in water to one percent concentration, labour, HOM complete as per specifications. (Plinth area of the building at ground floor only shall be measured)	Sqm	0.00	124.78	Rupees One Hundred Twenty Four and Seventy Eight Paise Only
10	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications.	Sqm	17.08	6382.78	Rupees Six Thousand Three Hundred Eighty Two and Seventy Seven Paise Only
11	Providing 20mm thick cement plaster (cement mortar 1:6) in single coat with cement mortar, to stone masonry & concrete surface including rounding off comers wherever required smooth rendering, including providing and removing scaffolding, cost of materials, labour, curing etc., complete as per specification.	Sqm	0.00	299.01	Rupees Two Hundred Ninety Nine Only
12	Providing floating coat of cement to plastering and finishing smooth, including cost of materials, labour, curing completeas per specifications	Sqm	0.00	22.37	Rupees Twenty Two and Thirty Six Paise Only
13	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification. (Quantity upto 125%)	Sqm	1188.17	91.82	Rupees Ninety One and Eighty Two Paise Only
	Quantity Above 125%	Sqm	1687.14	91.82	Rupees Ninety One and Eighty Two Paise Only

Contractor

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Yelahanka Division,
B.B.M.P. Bangalore - 64

BRUHAT BANGALORE MAHANAGARA PALIKE

AME OF WORK :Development and Construction of Auditorium and Toilet at Yelahanka PU Collage in Ward No-01 of Yelahanka sub Division

MODIFIED SCHEDULE B

Item no	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri HV Omkarappa	
				Rate	Rate in words
14	KSRB15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.	Sqm	1923.23	129.49	Rupees One Hundred Twenty Nine and Forty Nine Paise Only
15	KSRB 15-14.2: Extra over Item KSRB 15-14.1 for applying oil bound washable distemper on ceiling and I or sloping roof as per specifications.	Sqm	0.00	9.42	Rupees Nine and Forty One Paise Only
16	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. -do- with primer First Floor	Sqm	636.28	124.78	Rupees One Hundred Twenty Four and Seventy Eight Paise Only
17	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. -do- with primer Laboratory block- Second Floor	Sqm	601.50	129.49	Rupees One Hundred Twenty Nine and Forty Nine Paise Only
18	KSRB 15-18.1 :Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications. Ground Floor	Sqm	690.08	48.27	Rupees Forty Eight and Twenty Six Paise Only
19	KSRB 15-18.1 :Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications. Ground Floor.(Quantity upto 125%)	Sqm	435.71	52.97	Rupees Fifty Two and Ninety Seven Paise Only
	Quantity Above 125%	Sqm	149.49	48.27	Rupees Forty Eight and Twenty Six Paise Only
20	KSRB 15-18.1 :Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications. Second (Quantity upto 125%)	Sqm	52.50	57.68	Rupees Fifty Seven and Sixty Eight Paise Only
	Quantity Above 125%	Sqm	306.92	48.27	Rupees Forty Eight and Twenty Six Paise Only

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BANGALORE MAHANAGARA PALIKE

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MODIFIED SCHEDULE B

Item no	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri HV Omkarappa	
				Rate	Rate in words
21	KSRB 15-18.3: Providing and applying enamel metal paint one coat (excluding priming coat) on previously painted steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. A Block	Sqm	690.08	71.81	Rupees Seventy One and Eighty Paise Only
22	KSRB 15-18.3: Providing and applying enamel metal paint one coat (excluding priming coat) on previously painted steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. First Floor (Quantity upto 125%)	Sqm	435.71	76.52	Rupees Seventy Six and Fifty One Paise Only
	Quantity Above 125%	Sqm	149.49	71.81	Rupees Seventy One and Eighty Paise Only
23	KSRB 15-18.3: Providing and applying enamel metal paint one coat (excluding priming coat) on previously painted steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. Second Floor (Quantity upto 125%)	Sqm	52.50	81.23	Rupees Eighty One and Twenty Two Paise Only
	Quantity Above 125%	Sqm	931.19	71.81	Rupees Seventy One and Eighty Paise Only
24	KSRB 15-17.1 :Applying priming coat over new wood surface and / or wood based surface with white lead paint priming including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications.	Sqm	248.17	50.62	Rupees Fifty and Sixty One Paise Only
25	KSRB 15-17.19: Providing and applying painting one coat (excluding priming coat) on previously painted wood surface and I or wood based surface with enamel paint to give an even shade after cleaning the surface of all dirt, dust and foreign matter, including cost of materials, labour, complete as per specifications	Sqm	248.17	65.92	Rupees Sixty Five and Ninety Two Paise Only
26	KSRRB M200-12.2.Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. -do- i) Lime /Cement Concrete. I. By Manual Means :8. Cement Concrete Grade M-15 & M-20.	Cum	0.00	655.70	Rupees Six Hundred Fifty Five and Seventy Paise Only
27	Dismantling the tile work in floor and roof laid in cement or surki mortar including stacking the materials with in 50 m lead of tiles thickness 10mm to 25mm. including cost of materials, labour, HOM complete as per specifications.	Sqm	378.02	57.68	Rupees Fifty Seven and Sixty Eight Paise Only
28	Dismantling weather proof course and removing and conveying the debris to a distance upto 200m. including cost of materials, labour, HOM complete as per specifications.	Cum	56.70	871.13	Rupees Eight Hundred Seventy One and Twelve Paise Only

Executive Engineer,
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B.B.M.P. Bangalore - 64

Contractor

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :Development and Construction of Auditorium and Toilet at Yelahanka PU Collage in Ward No-01 of Yelahanka sub Division

MODIFIED SCHEDULE B

Item no	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri HV Omkarappa	
				Rate	Rate in words
29	KSRB 6-5.2 : Providing and constructing burnt brick masonry with approved quality of modular bricks of standard size of class designation 5.0 Newton per sqmm (table moulded) with cement mortar 1 :8 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2 (Quantity upto 125%)	Cum	8.28	8100.31	Rupees Eight Thousand One Hundred and Thirty One Paise Only
	Quantity Above 125%	Cum	3.74	8010.85	Rupees Eight Thousand Ten and Eighty Four Paise Only
30	Fabrication supplying and erecting M.S. tubular trusses of all spans as per approved drawing & design with prefabricated steel applications using quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S. pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, !etc., complete as per specification	Kg	14380.83	130.67	Rupees One Hundred Thirty and Sixty Six Paise Only
31	Providing and fixing 6mm cl.ear I opal white I solar I bronze I blue I green tinted multi wall poly carbonate sheet for tubular structure. The work including cost of all materials, labour charges and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lifts, transportation, loading and unloading and all other incidental charges etc. complete as per specification and directions of the engineer in charge of the work. (Quantity upto 125%)	Sqm	624.28	3679.93	Rupees Three Thousand Six Hundred Seventy Nine and Ninety Two Paise Only
32	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials, labour charges, HOM and testing complete as per specifications.	m	74.60	1593.93	Rupees One Thousand Five Hundred Ninety Three and Ninety Two Paise Only
33	Providing and fixing Vitrified glazed tiles of approved make, quality & colour of size 900 x 900 x 12mm thick fixed on bed of 12mm thick cement mortar for flooring, skirting and jointed with neat cement slurr mixed with pigment to mach shade of tiles, including providing spacers at required interval and removing stains, including cost of all mateirals, mortar, labour, etc., Complete as per specification.	Sqm	122.09	1338.48	Rupees One Thousand Three Hundred Thirty Eight and Forty Seven Paise Only

Contractor

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MODIFIED SCHEDULE B

Item no	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri HV Omkarappa	
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34	KSRB 7.11 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31. 75mm bottom section 1.3mm thick, Weight 1. 07kg/m; sides and top sections 1.3 mm, thick, weight 0. 933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx1Bmm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26. 7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar. using aluminium section powdered coated to a minimum of 60-70 microns with exterior durable pure polyester grade powder of approved quality.	Sqm	285.54	5265.62	Rupees Five Thousand Two Hundred Sixty Five and Sixty One Paise Only
35	KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM complete as per specifications. Specification No. KBS 7.12	Kg	332.01	111.83	Rupees One Hundred Eleven and Eighty Three Paise Only
36	KSRRB M200-14.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. II) Dismantling Brick I Tile work A. In lime mortar. MORTH Specification No. 202 KSRRB M200-14.2. -do-Dismantling brick/Tile work B. In cement mortar.	Cum	0.00	413.20	Rupees Four Hundred Thirteen and Nineteen Paise Only
37	Removing cuddappa slab flooring and stacking the material with a lead of 50 meters. including cost of materials, labour, HOM complete as per specifications.	Sqm	0.00	57.68	Rupees Fifty Seven and Sixty Eight Paise Only
38	KSRB 5-14.1 :Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 5.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572.2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4 - do - with solid concrete blocks of size 400x200x200mm First Floor (Quantity upto 125%)	Sqm	22.20	1111.76	Rupees One Thousand One Hundred Eleven and Seventy Five Paise Only
	Quantity Above 125%	Sqm	84.21	1073.61	Rupees One Thousand Seventy Three and Sixty Paise Only

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Contractor

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :Development and Construction of Auditorium and Toilet at Yelahanka PU Collage in Ward No-01 of Yelahanka sub Division

MODIFIED SCHEDULE B

Item no	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri HV Omkarappa	
				Rate	Rate in words
39	KSRB 5-14.1 :Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 5.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4 - do - with solid concrete blocks of size 400x200x200mm Second Floor	Sqm	0.00	1149.91	Rupees One Thousand One Hundred Forty Nine and Ninety Paise Only
40	KSRB15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming he surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. KSRB 15-14.2: Extra over Item KSRB 15-14.1 for applying oil bound washable distemper on ceiling and I or sloping roof as per specifications.(Quantity upto 125%)	Sqm	1563.71	138.91	Rupees One Hundred Thirty Eight and Ninety Paise Only
	Quantity Above 125%	Sqm	606.91	138.91	Rupees One Hundred Thirty Eight and Ninety Paise Only
41	Providing and laying platform using prepolished, water cut I gang saw 40mm thick telephonic Black Granite. laid on existing vertical -supports and fixing in CM 1:3 proportion. Including cutting to required shape, pattern with paper joints, including full rounding for nosing, finished with cement mortar, pointed with colour pigments to match the colour of slab making through jointing with sealant, making holes 25mm x 12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete as per specification. Ground Floor	Sqm	24.29	4149.63	Rupees Four Thousand One Hundred Forty Nine and Sixty Three Paise Only
42	Providing and laying platform using prepolished, water cut I gang saw 40mm thick telephonic Black Granite. laid on existing vertical -supports and fixing in CM 1:3 proportion. Including cutting to required shape, pattern with paper joints, including full rounding for nosing, finished with cement mortar, pointed with colour pigments to match the colour of slab making through jointing with sealant, making holes 25mm x 12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete as per specification. First Floor	Sqm	16.51	4151.81	Rupees Four Thousand One Hundred Fifty One and Eighty One Paise Only
43	Providing and laying platform using prepolished, water cut I gang saw 40mm thick telephonic Black Granite. laid on existing vertical -supports and fixing in CM 1:3 proportion. Including cutting to required shape, pattern with paper joints, including full rounding for nosing, finished with cement mortar, pointed with colour pigments to match the colour of slab making through jointing with sealant, making holes 25mm x 12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete as per specific Second Floor	Sqm	16.53	4153.99	Rupees Four Thousand One Hundred Fifty Three and Ninety Nine Paise Only

Contractor

Executive Engineer,
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B.B.M.P. Bangalore - 64

Division

MODIFIED SCHEDULE B

Item no	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri HV Omkarappa	
				Rate	Rate in words
44	Providing full nosing for 40mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM etc., complete as per specification Ground floor	Sqm	27.50	589.07	Rupees Five Hundred Eighty Nine and Six Paise Only
45	Providing full nosing for 40mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM etc., complete as per specification	Sqm	17.80	591.25	Rupees Five Hundred Ninety One and Twenty Four Paise Only
46	Providing full nosing for 40mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM etc., complete as per specification	Sqm	8.70	593.43	Rupees Five Hundred Ninety Three and Forty Two Paise Only
47	Providing and fixing Vitrified glazed tiles of approved make, quality & colour of size 900 x 900 x 12mm thick fixed on bed of 12mm thick cement mortar for flooring, skirting and jointed with neat cement slurr mixed with pigment to mach shade of tiles, including providing spacers at required interval and removing stains, including cost of all mateirals, mortar, labour, etc., Complete as per specification. First floor (Quantity upto 125%)	Sqm	91.66	1340.66	Rupees One Thousand Three Hundred Forty and Sixty Five Paise Only
	Quantity Above 125%	Sqm	8.76	1340.83	Rupees One Thousand Three Hundred Forty and Eighty Three Paise Only
48	Providing and fixing Vitrified glazed tiles of approved make, quality & colour of size 900 x 900 x 12mm thick fixed on bed of 12mm thick cement mortar for flooring, skirting and jointed with neat cement slurr mixed with pigment to mach shade of tiles, including providing spacers at required interval and removing stains, including cost of all mateirals, mortar, labour, etc., Complete as per specification. Second floor(Quantity upto 125%)	Sqm	91.66	1342.84	Rupees One Thousand Three Hundred Forty Two and Eighty Three Paise Only
	Quantity Above 125%	Sqm	481.01	1343.19	Rupees One Thousand Three Hundred Forty Three and Eighteen Paise Only
49	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mix finished with flush pointing using white cement, including cost of materials, mortar, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification. Ground Floor	Sqm	0.00	1450.31	Rupees One Thousand Four Hundred Fifty and Thirty One Paise Only

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AME OF WORK :Development and Construction of Auditorium and Toilet at Yelahanka PU Collage in Ward No-01 of Yelahanka sub Division

MODIFIED SCHEDULE B

tem no	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri HV Omkarappa	
				Rate	Rate in words
50	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification. First Floor	Sqm	0.00	1452.66	Rupees One Thousand Four Hundred Fifty Two and Sixty Six Paise Only
51	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification. Second Floor	Sqm	0.00	1454.67	Rupees One Thousand Four Hundred Fifty Four and Sixty Seven Paise Only
52	KSRB 11-13: Providing and fixing white glazed fire clay laboratory sink with M.S I C.I brackets, C.P brass chain with rubber plug, 32 mm C.P. brass waste, tap with union, brass stop cock complete, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.	Unit	10.00	4843.00	Rupees Four Thousand Eight Hundred Forty Three Only
53	Providing & fixing Polyethelene-Aluminium-Polyethelene (PE-AL-PE) Composite Pressure Pipes conforming to IS 15450 duly "ISI" marked, U.V. stabalized with Carbon black for hot & cold water supply, capable to withstand temperature upto 80◆C inCluding all special composite fittings (engineering plastic blend and brass inserts wherever required.) e.g. elbows, tees, reducers, couplers & connectors etc., with clamps at 1.00 meter spacing, cutting & making good the walls etc., including testing complete as required. (Internal work) -1620 (20mm OD) Pipe	m	297.00	251.92	Rupees Two Hundred Fifty One and Ninety Two Paise Only
54	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot).	Each	10.00	335.50	Rupees Three Hundred Thirty Five and Fifty Paise Only
55	Waterproofing of RCC Terrace/podium slab/ toilet/ utilities/ water retaining structure by preparing the surface by chipping and cleaning and Grouting of Honey comb, voids,cracks I construction joints with cement slurry (1kg cement added in 10 ltr of water) added with 100gm of inorganic accelerator, followed by spraying of liquid biological modified alkaline earth silicates@ 0.40 ltr per sqm on whole surface to reduce the micro porosity and allowing it to dry, curing the surface for the silicates to penetrate deeper into the concrete and spraying waterproofing impregnate liquid containing silane and silanollinear copolymer@ 0.50 ltr per sqm and finally applying polymer slurry made out of cross linked acrylic I styrene I butadiene & cement in the ratio of 1:0.1, @ 0.50kg/sqm on the whole surface, including all labour charges tools and equipments,all complete as per the specification	sqm	378.02	619.21	Rupees Six Hundred Nineteen and Twenty Paise Only

Executive Engineer
Yelahanka Division
B.B.M.P. Bangalore - 64

BRUHAT BANGALORE MAHANAGARA PALIKE

and Construction of Auditorium and Toilet at Yelahanka PU Collage in Ward No-01 of Yelahanka sub Division

MODIFIED SCHEDULE B

Item no	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri HV Omkarappa	
				Rate	Rate in words
56	KSRB 10-2: Providing and laying in position Yelahanka tiles of size 250 x 250mm of approved quality and make, over a bed of cement mortar 1:3 an average thickness 25mm over weather proof course and pointed with cement mortar 1 :3 mix with red oxide including curing cost of materials, labour complete as per specifications. Specification No. KBS	sqm	378.02	1151.30	Rupees One Thousand One Hundred Fifty One and Thirty Paise Only
57	KSRRB 200-8. Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of light jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials, labour charges complete as per specifications MORT&H Chapter-2 (Quantity upto 125%)	Sqm	750.00	11.55	Rupees Eleven and Fifty Five Paise Only
	Quantity Above 125%	Sqm	691.06	11.77	Rupees Eleven and Seventy Seven Paise Only
58	KSRRB 300-45. Scarifying stone metal crust 50mm to 100mm thick with pick axes along with premix carpet / surface dressing and stacking of old serviceable materials by manual means including cost of all labour charges complete as per specifications MORTH / Chapter 3 (Quantity upto 125%)	Sqm	1312.50	92.43	Rupees Ninety Two and Forty Three Paise Only
	Quantity Above 125%	Sqm	128.56	94.18	Rupees Ninety Four and Seventeen Paise Only
59	KSRRB M300-59.2. Loosening, levelling and compacting original ground supporting embankment to facilitate placement of first layer of embankment I subgrade, scarified to a depth of 150mm, mixed with water at OMC and then compacted by rolling so as to achieve minimum dry density as given in Table 300-2 for embankment I subgrade including HOM construction, labour etc .. complete as per specifications. MORTH Specification No. 305.3.4 (Quantity upto 125%)	Sqm	1441.06	26.57	Rupees Twenty Six and Fifty Seven Paise Only
60	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications. MORTH Specification No.301 (Quantity upto 125%)	Cum	432.32	47.37	Rupees Forty Seven and Thirty Seven Paise Only
61	KSRRB M300-19. Removal of unserviceable soil including excavation, loading and disposal but excluding replacement by suitable soil which shall be paid separately as per clause 300.5 complete as per specifications. MORTH Specification No. 301 (Quantity upto 125%)	Cum	432.32	38.13	Rupees Thirty Eight and Twelve Paise Only
62	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing by mix in place method by rotavator at OMC, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision. Quantity upto 125%)	Cum	144.11	2021.95	Rupees Two Thousand Twenty One and Ninety Five Paise Only

Executive Engineer
Yelahanka Division
B.B.M.P, Bangalore - 64

BRUHAT BANGALORE MAHANAGARA PALIKE

AME OF WORK :Development and Construction of Auditorium and Toilet at Yelahanka PU Collage in Ward No-01 of Yelahanka sub Division

MODIFIED SCHEDULE B

Item no	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri HV Omkarappa	
				Rate	Rate in words
63	KSRRB M600-1. Construction of dry lean cement concrete mix CC 1:5:10 with OPC cement @160Kgs, with 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @ 0.58cum Sub-base over a prepared sub-grade with (coarse and fine aggregate conforming to IS: 383) aggregate cement ratio not to exceed 15:1. Aggregate gradation after blending to be as per Table 600-1, cement content not to be less than 160 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. MORTH Specification No. 601 of MORTH V Revision and IS 456 Table-5 22.1.1 -do- with OPC at 150 kg/cum and coarse aggregate 0.86cum, fine aggregate 0.58cum using Concrete Batch mix Plant at 75 cum/hr capacity with Slip form paver with electronic sensor.(Quantity upto 125%)	Cum	168.75	4142.11	Rupees Four Thousand One Hundred Forty Two and Ten Paise Only
	Quantity Above 125%	Cum	47.41	4142.11	Rupees Four Thousand One Hundred Forty Two and Ten Paise Only
64	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to 18:383-2016, with Superplastizer at 3 Its conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per specifications. do- with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. (Quantity upto 125%)	Cum	288.21	5679.95	Rupees Five Thousand Six Hundred Seventy Nine and Ninety Four Paise Only
65	KSRB 15-19.1 : Providing and applying ready mix priming coat over concrete I masonry I asbestos cement sheet I plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease,dirt and other foreign matter, and sand papering including cost ofmaterials, labour, complete as per specifications.	Sqm	0.00	42.75	Rupees Forty Two and Seventy Four Paise Only

Executive Engineer,
Yelahanka Division
B.B.M.P, Bangalore

Contractor

BANGALORE MAHANAGARA PALIKE

Development and Construction of Auditorium and Toilet at Yelahanka PU Collage in Ward No-01 of Yelahanka sub Division

MODIFIED SCHEDULE B

Item no	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri HV Omkarappa	
				Rate	Rate in words
66	KSRB 15-10.2 : Providing and applying spray painting (excluding priming coat) over concrete I masonry I asbestos cement sheet I plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter,and sand papering including cost of materials, labour,complete as perspecifications.	Sqm	0.00	359.70	Rupees Three Hundred Fifty Nine and Seventy Paise Only
67	Supply and fixing of Retro Reflective Single Arrow Road Name Signboard of size 1800mm x 900mm made out of retro reflective sheeting conforming to Type XI standards of ASTM D 4956- 09 & as per IRC 67-2012 forfull◆back ground of blue colour & white letters and fixed over 4 mm thick Aluminium Composite Material sheet having minimum 0.5 mm thick Aluminium skin on both sides with back side painted grey colour and fixed over back support frame SS angle of 15mm x 20mm x 1.2mm, supported by 38mm OD stainless steel pipe all round in 304 grade and 2 nos of vertical posts of 50 mm OD stainless steel pipe of 202 grade firmly fixed to the ground by means of properly designed foundation of size 450mm x 450mm x 600mm in 1:1.5:3 ratio cement concrete. The background shall be blue in color with letters and border in white, the item includes earthwork excavation, cost of all materials, loading, unloading, lead, lift, transportation etc., complete. as per direction of engineer incharge of work clause 6.9 of IRC 67-2012 for Type XI retro reflective sheeting from the sheeting manufacturer & a certified copy of test reports from an independent test laboratory conforming to clause 6.7 of IRC 67-2012 including outdoor weather exposure report for theretro reflective sheeting offered shall be submitted by the contractor for technical qualification in	Sqm	0.00	15363.35	Rupees Fifteen Thousand Three Hundred Sixty Three and Thirty Five Paise Only
68	KSRRB M100-1 Loading and Unloading of Stone Boulder I Stone aggregates ISand/ Kanker J Moorum. KSRRB M100-1 :Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH -100/ Chapter 1	cum	0.00	65.86	Rupees Sixty Five and Eighty Five Paise Only
69	KSRRB M100-4.1. Cost of Haulage Excluding loading and Unloading MORTH -100/ Chapter 1 Case-1: Surface Road	t.km	0.00	2.31	Rupees Two and Thirty One Paise Only
70	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. MORTH I Chapter 3	Cum	3.85	150.20	Rupees One Hundred Fifty and Twenty Paise Only
71	KSRRB M2900-1. Plain cement concrete M10 mix with crushed stone aggregate 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing including cost of materials, labour, HOM complete as per specifications. MORTH Specification No. 40&	Cum	1.28	4882.72	Rupees Four Thousand Eight Hundred Eighty Two and Seventy Two Paise Only
72	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.	No	143.00	471.40	Rupees Four Hundred Seventy One and Forty Paise Only

Executive Engineer
Yelahanka Division,
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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :Development and Construction of Auditorium and Toilet at Yelahanka PU Collage in Ward No-01 of Yelahanka sub Division

MODIFIED SCHEDULE B

Item no	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri HV Omkarappa	
				Rate	Rate in words
73	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8	Sqm	25.66	92.43	Rupees Ninety Two and Forty Three Paise Only
74	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No.1600 & 2200(Quantity upto 125%)	Tonne	1.40	78836.41	Rupees Seventy Eight Thousand Eight *Hundred Thirty Six* and Forty Paise Only
	Quantity Above125%		22.25	87359.79	Rupees Eighty Seven Thousand Three Hundred Fifty Nine and Seventy Nine Paise Only
75	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specifications.	Cum	0.00	7706.52	Rupees Seven Thousand Seven Hundred Six and Fifty One Paise Only
76	Providing and laying Pre Cast Drain Cover slabs of 100mm thick of mix M20 using graded granite jelly 20mm down size with steel reinforcement, including from work, lift charges, curing and concrete finished surfaces on both side etc. complete and as per drawing and direction of Engineer-in-charge of work (data Rate enclosed)	Sqm	0.00	2547.33	Rupees Two Thousand Five Hundred Forty Seven and Thirty Three Paise Only
77	KSRB 2-2 : Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1 5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications.	Cum	78.76	351.98	Rupees Three Hundred Fifty One and Ninety Eight Paise Only
78	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. in ordinary soil	Cum	46.72	236.62	Rupees Two Hundred Thirty Six and Sixty One Paise Only
79	Providing and laying in position plain cement concrete of Mix 1 :3:6 with OPC @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, includingcost of all materials, labour, HOM curing complete as per specifications.	Cum.	8.62	6249.75	Rupees Six Thousand Two Hundred Forty Nine and Seventy Five Paise Only

Contractor

Executive Engineer,
Yelahanka Division,
B.B.M.P, Bangalore - 64

MODIFIED SCHEDULE B

Item no	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri HV Omkarappa	
				Rate	Rate in words
80	Providing 20mm thick cement plaster (cement mortar 1:6) in single coat with cement mortar, to stone masonry & concrete surface including rounding off comers wherever required smooth rendering, including providing and removing scaffolding, cost of materials, labour, curing etc., complete as per specification. Providing floating coat of cement to plastering and finishing smooth, including cost of materials, labour, curing completeas per specifications for flagging	Sqm.	0.00	321.38	Rupees Three Hundred Twenty One and Thirty Seven Paise Only
81	Providing and laying in position reinforced cement concrete of design Mix M25 with OPC @ 340kgs, with 20mm anddown size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with super plasticisers @31ts confirming to 189103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 ems thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, lintles, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications.	Cum	42.91	7116.17	Rupees Seven Thousand One Hundred Sixteen and Seventeen Paise Only
82	Providing and laying in position reinforced cement concrete of design Mix M25 with OPC @ 340kgs, with 20mm anddown size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with super plasticisers @31ts confirming to 189103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 ems thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, lintles, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. 1st Floor	Cum	20.27	7186.81	Rupees Seven Thousand One Hundred Eighty Six and Eighty Paise Only
83	Providing and laying in position reinforced cement concrete of design Mix M25 with OPC @ 340kgs, with 20mm anddown size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with super plasticisers @31ts confirming to 189103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 ems thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, lintles, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Terrace floor	Cum	0.00	7257.44	Rupees Seven Thousand Two Hundred Fifty Seven and Forty Three Paise Only
84	Providing and removing centering, shuttering, strutting,propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials,labour complete as per specifications.	Sqm	72.52	303.72	Rupees Three Hundred Three and Seventy One Paise Only

Executive Engineer,
Yelahanka Division,
B.B.M.P, Bangalore-64

Contractor

BRUHAT BANGALORE MAHANAGARA PALIKE

ME OF WORK :Development and Construction of Auditorium and Toilet at Yelahanka PU Collage in Ward No-01 of Yelahanka sub Division

MODIFIED SCHEDULE B

Item no	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri HV Omkarappa	
				Rate	Rate in words
85	Providing and removing centering, shuttering, strutting,propping etc., and removal of form work for columns, pillars, postand struts, square l rectangular/ polygon in plan including cost of allmaterials, labour complete as per specifications.	Sqm	117.60	536.80	Rupees Five Hundred Thirty Six and Eighty Paise Only
86	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour completeas per specifications.	Sqm	105.90	343.74	Rupees Three Hundred Forty Three and Seventy Four Paise Only
87	Providing and removing centering, shuttering, strutting,propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour complete as per Specification.	Sqm	183.44	517.97	Rupees Five Hundred Seventeen and Ninety Six Paise Only
88	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton.	Sqm.	0.00	612.14	Rupees Six Hundred Twelve and Fourteen Paise Only
89	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and l or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. and Lift charges for steel of all diameters for additional floors over ground floor per floor height of 3.5 m. or part there of cost of labour, complete as per specifications.1st Floor	Tonne	3.63	84421.72	*Rupees Eighty Four* Thousand Four Hundred Twenty One and Seventy Two Paise Only
90	Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part I):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc.,	Sqm	77.68	954.71	Rupees Nine Hundred Fifty Four and Seventy Paise Only
91	Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part I):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc., First floor	Sqm	77.68	995.91	Rupees Nine Hundred Ninety Five and Ninety One Paise Only
92	roviding and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part I):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc.,second floor	Sqm	0.00	1037.11	Rupees One Thousand Thirty Seven and Eleven Paise Only

Contractor

Executive Engineer,
ASSISTANT EXECUTIVE ENGINEER
YELAHANKA DIVISION
Yelahanka Division,
B.B.M.P, Bangalore - 64

Auditorium and Toilet at Yelahanka PU Collage in Ward [illegible] Yelahanka

Division

MODIFIED SCHEDULE B

Item no	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri HV Omkaraya	
				Rate	Rate in w
93	KSRB 15-3.14/15-7: Providing 12mm thick plain plastering in single coat to internal ceiling & RC surfaces in cement mortar 1:4 (1 cement : 4 fine sand) including providing & removing necessary scaffolding, rounding of corners wherever required, smooth rendering with lime, curing etc. including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc., compelte & as per specification and as directed by Engineer.	Sqm	0.00	302.54	Rupees Three Hundred Two and Fifty Four Paise Onl
94	KSRB 15-3.14/15-7: Providing 12mm thick plain plastering in single coat to internal ceiling & RC surfaces in cement mortar 1:4 (1 cement : 4 fine sand) including providing & removing necessary scaffolding, rounding of corners wherever required, smooth rendering with lime, curing etc. including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc., compelte & as per specification and as directed by Engineer.First floor	Sqm	0.00	316.67	Rupees Three Hundred Sixteen and Sixty Six Paise Only
95	KSRB 15-3.14/15-7: Providing 12mm thick plain plastering in single coat to internal ceiling & RC surfaces in cement mortar 1:4 (1 cement : 4 fine sand) including providing & removing necessary scaffolding, rounding of corners wherever required, smooth rendering with lime, curing etc. including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc., compelte & as per specification and as directed by Engineer.Terrace Floor	Sqm	0.00	330.79	Rupees Three Hundred Thirty and Seventy Nine Paise Only
96	KSRB 15-3.5/15-7: Providing 15mm thick plain plastering in single coat to internal masonry surfaces, in cement mortar 1:4 (1 cement : 4 fine sand) including providing & removing necessary scaffolding, rounding of corners wherever required, smooth rendering with lime, curing etc including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc , compelte & as per specification and as directed by Engineer.	Sqm	22.32	304.89	Rupees Three Hundred Four and Eighty Nine Paise Only
97	KSRB 15-3.5/15-7: Providing 15mm thick plain plastering in single coat to internal masonry surfaces, in cement mortar 1:4 (1 cement : 4 fine sand) including providing & removing necessary scaffolding, rounding of corners wherever required, smooth rendering with lime, curing etc including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc , compelte & as per specification and as directed by Engineer	Sqm	22.32	311.96	Rupees Three Hundred Eleven and Ninety Five Paise Only
98	KSRB15-3 : Providing 12mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications	sqm	0.00	324.91	Rupees Three Hundred Twenty Four and Ninety Paise Only
99	KSRB15-3 : Providing 12mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications	Sqm	0.00	339.03	Rupees Three Hundred Thirty Nine and Three Paise Only

Executive Engineer,
Yelahanka Division,
B.B.M.P, Bangalore - 64

BRUHAT BANGALORE MAHANAGARA PALIKE

ME OF WORK :Development and Construction of Auditorium and Toilet at Yelahanka PU Collage in Ward No-01 of Yelahanka sub Division

MODIFIED SCHEDULE B

Item no	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri HV Omkarappa	
				Rate	Rate in words
100	KSRB15-3 : Providing 18mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications	Sqm	0.00	353.16	Rupees Three Hundred Fifty Three and Sixteen Paise Only
101	KSRB 15-23.1 :Providing pre-cast grey colour mosaic tiles 20mm thick with marble chips of white, black, chocolate, grey, yellow or baroda green from smallest to 6mm nominal size, with ordinary cement (in top layer only) for skirting and rises of steps (not exceeding 30cms height) on 1 Ocms thick cement mortar 1 :3 jointed with neat cement slurry, rubbed and polished to granolithic finish, including cost of materials, labour, complete as per specifications.	m	0.00	390.83	Rupees Three Hundred Ninety and Eighty Three Paise Only
102	KSRB 15-23.1 :Providing pre-cast grey colour mosaic tiles 20mm thick with marble chips of white, black, chocolate, grey, yellow or baroda green from smallest to 6mm nominal size, with ordinary cement (in top layer only) for skirting and rises of steps (not exceeding 30cms height) on 1 Ocms thick cement mortar 1 :3 jointed with neat cement slurry, rubbed and polished to granolithic finish, including cost of materials, labour, complete as per specifications.1st Floor	m	0.00	397.89	Rupees Three Hundred Ninety Seven and Eighty Nine Paise Only
103	Providing and laying in position reinforced cement concrete of design Mix M20 with OPC @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.05865cum and fine aggregtes @ 0.0391 cum, with super plasticisers @0.2251ts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM finishing, cur.ing, complete but excluding cost of reinforcement as per specifications.	Sqm.	0.00	583.89	Rupees Five Hundred Eighty Three and Eighty Nine Paise Only
104	Providing and laying in position reinforced cement concrete of design Mix M20 with OPC @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.05865cum and fine aggregtes @ 0.0391 cum, with super plasticisers @0.2251ts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM finishing, cur.ing, complete but excluding cost of reinforcement as per specifications.	Sqm	0.00	589.78	Rupees Five Hundred Eighty Nine and Seventy Seven Paise Only
105	Providing and removing centering, shuttering, strutting, propping etc., and removal offormworkforsides and soffits of beams, beams haunchings, cantilever, girders, bressumers and lintels exceeding 1m in depth including cost of all materials, labour complete as per specifications.	Sqm	0.00	474.41	Rupees Four Hundred Seventy Four and Forty One Paise Only
106	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for chajja, corbels etc., including edges including cost of all materials, labour complete as per specifications.	Sqm	0.00	380.24	Rupees Three Hundred Eighty and Twenty Three Paise Only
107	Providing and constructing granite I trap I basalt size stone masonry in foundation with cement mortar, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications.(Quantity upto 125%)	Cum	22.07	5410.41	Rupees Five Thousand Four Hundred Ten and Forty One Paise Only

Contractor

Executive Engineer,
Yelahanka Division,
B.B.M.P, Bengaluru-64
B.B.M.P. Bengaluru - 64

MODIFIED SCHEDULE B

o	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri HV Omkarappa	
				Rate	Rate in words
	(Quantity Above 125%)	Cum	1.35	5410.41	Rupees Five Thousand Four Hundred Ten and Forty One Paise Only
08	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 5.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hirecharges of machineries etc., complete as per specifications. KBS No.5.41st floor	Sqm	0.00	1114.81	Rupees One Thousand One Hundred Fourteen and Eighty Paise Only
109	KSRB 15-3.14/15-7: Providing 12mm thick plain plastering in single coat to internal ceiling & RC surfaces in cement mortar 1:4 (1 cement : 4 fine sand) including providing & removing necessary scaffolding, rounding of corners wherever required, smooth rendering with lime, curing etc. including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc., compelte & as per specification and as directed by Engineer.1st Floor	Sqm	0.00	309.60	Rupees Three Hundred Nine and Sixty Paise Only
110	KSRB 15-3.14/15-7: Providing 12mm thick plain plastering in single coat to internal ceiling & RC surfaces in cement mortar 1:4 (1 cement : 4 fine sand) including providing & removing necessary scaffolding, rounding of corners wherever required, smooth rendering with lime, curing etc. including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc., compelte & as per specification and as directed by Engineer.1st Floor	Sqm	0.00	319.02	Rupees Three Hundred Nineteen and Two Paise Only
111	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification.KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. with primer Internal Masonry wall surfaces. 1st floor (Quantity upto 125%)	Sqm	741.22	148.33	Rupees One Hundred Forty Eight and Thirty Two Paise Only
	Quantity above 125%	Sqm	1768.09	91.82	Rupees Ninety One and Eighty Two Paise Only
112	Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications. KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.	Sqm	0.00	160.10	Rupees One Hundred Sixty and Nine Paise Only

Executive Engineer
Yelahanka Division,
B.B.M.P, Bangalore - 64

Contractor

BRUHAT BANGALORE MAHANAGARA PALIKE

WORK :Development and Construction of Auditorium and Toilet at Yelahanka PU Collage in Ward No-01 of Yelahanka sub Division

MODIFIED SCHEDULE B

	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri HV Omkarappa	
				Rate	Rate in words
	ding Ceramic tiles of approved make,shade and size for flooring, of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 lush pointing with white cement using colour pigment , including cost terials, labour, curing, complete as per specifications.cement mortar	Sqm	78.66	1424.41	Rupees One Thousand Four Hundred Twenty Four and Forty One Paise Only
	ding Ceramic tiles of approved make,shade and size for flooring, s of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 flush pointing with white cement using colour pigment , including cost naterials, labour, curing, complete as per specifications.cement mortar , 1st Floor (Quantity upto 125%)	Sqm	103.09	1426.77	Rupees One Thousand Four Hundred Twenty Six and Seventy Six Paise Only
	uantity above 125%		1.36	1426.77	Rupees One Thousand Four Hundred Twenty Six and Seventy Six Paise Only
5	KSRB15-5 Providing rough cement-plastering15mm thick in single coat with cement mortar to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(Quantity upto 125%)	Sqm	614.43	279.00	Rupees Two Hundred Seventy Eight and Ninety Nine Paise Only
116	Providing skirting, dadoing, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, completeas per specifications.	Sqm	198.43	1496.22	Rupees One Thousand Four Hundred Ninety Six and Twenty Two Paise Only
117	Providing skirting, dadoing, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, completeas per specifications.1st Floor	Sqm	198.79	1498.58	Rupees One Thousand Four Hundred Ninety Eight and Fifty Seven Paise Only
118	Providing wood frames of doors, windows, clerestorywindows, ventilators and other frames, wrought, framed or assembledincluding making plaster groves (excluding cost of cement concrete andside clamps), but including cost of materials, labour, HOM complete as per specifications	Cum	0.09	71277.11	Rupees Seventy One Thousand Two Hundred Seventy Seven and Ten Paise Only
119	Providing wood frames of doors, windows, clerestorywindows, ventilators and other frames, wrought, framed or assembledincluding making plaster groves (excluding cost of cement concrete andside clamps), but including cost of materials, labour, HOM complete as per specifications. 1st Floor	Cum	0.08	71281.81	Rupees Seventy One Thousand Two Hundred Eighty One and Eighty One Paise Only
120	Providing and fixing PVC Hollow Door Frame of the size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet, mitre cut at two corners and joined with 2 Nos. of 150mm long brackets of 15x15mm M.S. Square tube. The two vertical door profiles are to be reinforced with 19x19 mm M.S. Square tube of19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door screws through the frame by using PVC fasteners. A minimum of 4 Nos of screws to be provided for each vertical member & minimum 2 Nos. for horizontal member.	m	99.00	423.79	Rupees Four Hundred Twenty Three and Seventy Nine Paise Only

Executive Engineer,
Yelahanka Division,
B.B.M.P, Bangalore - 64

MODIFIED SCHEDULE B

Item no	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri HV Omkarappa	
				Rate	Rate in words
	Providing and fixing PVC Hollow Door Frame of the size 50x47mm with a wall thickness of Smm, made out of extruded 5mm rigid PVC foam sheet, mitre cut at two corners and joined with 2 Nos. of 150mm long brackets of 15x15mm M.S. Square tube. The two vertical door profiles are to be reinforced with 19x19 mm M.S. Square tube of19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door screws through the frame by using PVC fasteners. A minimum of 4 Nos of screws to be provided for each vertical member & minimum 2 Nos. for horizontal member.1st Floor	m	99.00	428.50	Rupees Four Hundred Twenty Eight and Fifty Paise Only
2	Fixing of frames in an existing opening includingembeeding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour charges.complete as per specifications.	Nos.	21.00	1608.06	Rupees One Thousand Six Hundred Eight and Five Paise Only
23	Fixing of frames in an existing opening includingembeeding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour charges.complete as per specifications.1st Floor	Nos	21.00	1612.76	Rupees One Thousand Six Hundred Twelve and Seventy Six Paise Only
124	Providing and fixing in position fully panelled wood shutters for doors, styles and rails of 30mm. thick with bottom and lock rails 180mm wide top rail and styles 1 OOmm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9 34	Sqm	1.89	5114.93	Rupees Five Thousand One Hundred Fourteen and Ninety Three Paise Only
125	Providing and fixing in position fully panelled wood shutters for doors, styles and rails of 30mm. thick with bottom and lock rails 180mm wide top rail and styles 1 OOmm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34. 1st Floor	Sqm	1.89	5119.29	Rupees Five Thousand One Hundred Nineteen and Twenty Nine Paise Only
126	Providing and fixind of factory made 30mm P.V.C rigid foam PANEL DOORS made from MS tube of 19 guage, size of 19mm x 19mm and covered with heat moulded PVC C Channel of 5 mm thick and width of 50mm to form styles and rails. The inner panel should be inserted in between the frame with 5mm thick PVC rigid foam sheet, weldedfscaled to the styles and rails along with 5mm PVC, beeding on all and either sides. The vertical tubes may be filled with suitable wood material to further enhance the screw holding capacity	Sqm	36.58	2825.28	Rupees Two Thousand Eight Hundred Twenty Five and Twenty Eight Paise Only

Executive Engineer
Yelahanka Division
B.B.M.P, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

AME OF WORK :Development and Construction of Auditorium and Toilet at Yelahanka PU Collage in Ward No-01 of Yelahanka sub Division

MODIFIED SCHEDULE B

Item no	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri HV Omkarappa	
				Rate	Rate in words
127	Providing and fixind of factory made 30mm P.V.C rigid foam PANEL DOORS made from MS tube of 19 guage, size of 19mm x 19mm and covered with heat moulded PVC C Channel of 5 mm thick and width of 50mm to form styles and rails. The inner panel should be inserted in between the frame with 5mm thick PVC rigid foam sheet, weldedfsealed to the styles and rails along with 5mm PVC, heeding on all and either sides. The vertical tubes may be filled with suitable wood material to further enhance the screw holding capacity. 1st Floor	Sqm	31.50	2829.64	Rupees Two Thousand Eight Hundred Twenty Nine and Sixty Four Paise Only
128	KSRB 7.8 : Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung 2/3 openable 1/3 fixed as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 kg/m both for outer and inner frames and central mullion section of size 25x46x3mm, weighing 2.28kg/m all duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows, not more than 34 cms. c to c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and grinded electrically subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing two coats of ready mix paint of approved colour and make including cost of materials, fixtures,labour charges and HOM complete as per specifications.	Sqm	0.00	3917.72	Rupees Three Thousand Nine Hundred Seventeen and Seventy Two Paise Only
129	KSRB 7.8 : Providing and fixing in position in cement concrete 1:3.6 steel glazed windows and ventilators side hung/top hung 2/3 openable 1/3 fixed as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 kg/m both for outer and inner frames and central mullion section of size 25x46x3mm, weighing 2.28kg/m all duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows, not more than 34 cms. c to c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and grinded electrically subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing two coats of ready mix paint of approved colour and make including cost of materials, fixtures,labour charges and HOM complete as per specifications.1st floor (Quantity upto 125%)	Sqm	7.88	3924.78	Rupees Three Thousand Nine Hundred Twenty Four and Seventy Eight Paise Only
	Quantity above 125%		216.70	3931.85	Rupees Three Thousand Nine Hundred Thirty One and Eighty Four Paise Only

Executive Engineer,
ASSISTANT EXECUTIVE ENGINEER
Yelahanka Division,
B.B.M.P, Bangalore - 64

Contractor

NAME OF WORK :Development and Construction of Auditorium and Toilet at Yelahanka PU Collage in Ward No-01 of Yelahanka sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

MODIFIED SCHEDULE B

Item no	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri HV Omkarappa	
				Rate	Rate in words
130	Providing and fixing white vitreous china clay, water closet European type (Pedestal type, S-trap) with black solid plasticseat and lid, C.P brass hinges, rubber buffers. 10 litre white glazed Ivitreous china clay low level, flushing cistern (all are approved make) with fittings, C. I I M.S brackets, 40mm diameter flush bend with fittings	Pan	9.00	5658.80	Rupees Five Thousand Six Hundred Fifty Eight and Eighty Paise Only
131	Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I I M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.	unit	5.00	4717.04	Rupees Four Thousand Seven Hundred Seventeen and Four Paise Only
132	Providing and fixing 1500x450mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications	unit	5.00	1743.43	Rupees One Thousand Seven Hundred Forty Three and Forty Three Paise Only
133	Providing and fixing sand cast iron soil waste and vent pipes with spun yarn soaked in cement slurry and cement mortar I :2 including cost of materials, labour, testing complete as per specifications.	mtr	76.50	784.02	Rupees Seven Hundred Eighty Four and One Paise Only
134	Constructing brick masonry Inspection chamber for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) internal dimensions. total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar I :3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. - 450x300mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 450x300mm	Nos	19.00	4473.36	Rupees Four Thousand Four Hundred Seventy Three and Thirty Six Paise Only
135	Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00 kgs/sq.cm working pressure of outside diameter with special flange, compression type fittings, wall chps, making good the wall, ceiling and floor including cost of all materials, labour charges, HOM and testing complete as per specifications.-90 mm dia	m	161.50	447.34	Rupees Four Hundred Forty Seven and Thirty Three Paise Only
136	Providing and fixing in position brass bib cock of approved quality nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.2/13.3 20mm nominal dia	Each	49.00	203.66	Rupees Two Hundred Three and Sixty Five Paise Only
137	Providing and fixing in position brass stop cock of approved quality nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.2 /13.3 20mm nominal dia	Each	10.00	165.99	Rupees One Hundred Sixty Five and Ninety Eight Paise Only

Executive Engineer
Yelahanka Division
B.B.M.P, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

AME OF WORK :Development and Construction of Auditorium and Toilet at Yelahanka PU Collage in Ward No-01 of Yelahanka sub Division

MODIFIED SCHEDULE B

Item no	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri HV Omkarappa	
				Rate	Rate in words
138	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	3.00	395.54	Rupees Three Hundred Ninety Five and Fifty Three Paise Only
139	Wall Mounted Soap Dispenser- Stainless steel	Each	3.00	1042.04	Rupees One Thousand Forty Two and Four Paise Only
140	Paper Towel Dispenser-holder	Each	5.00	1712.39	Rupees One Thousand Seven Hundred Twelve and Thirty Nine Paise Only
141	Sanitary Napkin Burning Machin	Each	3.00	7739.00	Rupees Seven Thousand Seven Hundred Thirty Nine Only
142	Providing & applying water proofing to concrete surfaces using high quality polymer-modified bituminous compounds (confirming to ASTM Sqm D 5147) reinforced with non woven polyester fabric, weighing 180gml sqm granular finish 4mm thick by torch on application method confirming to the properties indicated below. It shall be provided after priming the surface using bitumen primer at 0.2 ltr Isqm. Detailed specification & Methodology 1. Membrane thickness 4mm (+ or - 5%) 2. Tensile strength - Longitudinal 790 N15cm Transverse 730 N15cm 3. Elongation of Membrane - Longitudinal 65% Transverse 69% 4. Tear Resistance - Longitudinal 180 N Transverse 190 N 5. Lap joint strength - Longitudinal 750 N15cm Transverse 550 N15cm 6. Puncture Resistance - Static 1.4 Dynamic 1.3 7 Water absorption - < 0.15% 8. Water permeability - Nil 9. Chemical resistance - Chloride, sulphate and Nitrate The area to be water proofed shall be free from loose aggregate, dust free and in dry condition. Primer must be applied to the surface and allowed to dry prior to application of membrane. The membrane shall be applied within 6 hours after application of primer. The membrane comes in a roll form shall be unrolled and placed in the correct position where it has to be torched. Each layer must over lap the next layer by min 10cm at the adjacent and 15cm at the ends. The heat application through propane gas	Sqm	83.83	506.20	Rupees Five Hundred Six and Nineteen Paise Only
143	KSRB 13-11.1: Over Head Synthetic Tanks - Providing, Placing on Terrace, Polyethylene storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diametre for inlet,outlet and over flwo pipes including cost of all materials, labour, transport charges, HOM of euipments and testing complete as per specifications for 1000 Litres Capcity including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc., compelte & as per specification and as directed by Engineer.	Nos	2.00	8037.92	Rupees Eight Thousand Thirty Seven and Ninety Two Paise Only
144	Provision for Dismantling of Existing RCC Structure and removing the debris as directed by the Engineer-in-Charge of work.with all lead & lift, loading & unloading and all other incidental charges etc.	Cum	0.00	1835.93	Rupees One Thousand Eight Hundred Thirty Five and Ninety Three Paise Only

Contractor

Executive Engineer,
Yelahanka Division,
B.B.M.P, Bangalore - 64

MODIFIED SCHEDULE B

	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri HV Omkarappa	
				Rate	Rate in words
	Provision for Dismantling of Existing Joinery Work and Stocking, as directed by the Engineer-in-Charge of work,with all lead & lift, loading & unloading and all other incidental charges etc,	Cum	0.00	771.07	Rupees Seven Hundred Seventy One and Six Paise Only
46	Supplying heavy gauge PVC conduit pipe .....mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary. 19/20mm dia 2mm thick	Mtrs	200.00	51.45	Rupees Fifty One and Forty Four Paise Only
147	Supplying heavy gauge PVC conduit pipe .....mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary. 25mm dia 2mm thick	Mtrs	160.00	68.17	Rupees Sixty Eight and Sixteen Paise Only
148	Supplying heavy gauge PVC Conduit Pipe ....dia .....mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. 19/20mm dia 2mm thick	Mtrs	50.00	65.60	Rupees Sixty Five and Fifty Nine Paise Only
149	Supplying heavy gauge PVC Conduit Pipe ....dia .....mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. 25mm dia 2mm thick	Mtrs	50.00	69.45	Rupees Sixty Nine and Forty Five Paise Only
150	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping casing capping using 2x1.5Sqmm(Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLSmulti strand PVC insulated copper wire (confirming to IS-694: and latest amendments) without control switchshall be fixed on the existing plastic sheet/ gang box, theother end of the wires shall be terminated with sufficientloose length in a wood/PVC round block. complete for eachoutlet. Short point upto 3Mtr from tapping point to out let via switch box	Point	10.00	205.79	Rupees Two Hundred Five and Seventy Nine Paise Only
151	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping casing capping using 2x1.5Sqmm(Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRI Smulti strand PVC insulated copper wire (confirming to IS-694: and latest amendments) without control switchshall be fixed on the existing plastic sheet/ gang box, theother end of the wires shall be terminated with sufficientloose length in a wood/PVC round block. complete for eachoutlet. Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch box.	Point	10.00	321.55	Rupees Three Hundred Twenty One and Fifty Five Paise Only

Executive Engineer,
Yelahanka Division,
B.B.M.P, Bangalore - 64

BRUHAT BANGALORE MAHANAGARA PALIKE

AME OF WORK :Development and Construction of Auditorium and Toilet at Yelahanka PU Collage in Ward No-01 of Yelahanka sub Division

MODIFIED SCHEDULE B

Item no	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri HV Omkarappa	
				Rate	Rate in words
152	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping casing capping using 2x1.5Sqmm(Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLSmulti strand PVC insulated copper wire (confirming toIS-694: and latest amendments) without control switchshall be fixed on the existing plastic sheet/ gang box, theother end of the wires shall be terminated with sufficientloose length in a wood/PVC round block. complete for eachoutlet. Long point above 6Mtr upto 10Mtr from tapping point to out let via switch box.	Point	30.00	482.33	Rupees Four Hundred Eighty Two and Thirty Two Paise Only
153	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping casing capping using 2x1.5Sqmm(Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLSmulti strand PVC insulated copper wire (confirming toIS-694: and latest amendments) without control switchshall be fixed on the existing plastic sheet/ gang box, theother end of the wires shall be terminated with sufficientloose length in a wood/PVC round block. complete for eachoutlet. Two outlet in a row, above 3Mtr upto 6Mtr from tapping point to out let via switches.	Point	10.00	610.95	Rupees Six Hundred Ten and Ninety Four Paise Only
154	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping casing capping using 2x1.5Sqmm(Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLSmulti strand PVC insulated copper wire (confirming toIS-694: and latest amendments) without control switchshall be fixed on the existing plastic sheet/ gang box, theother end of the wires shall be terminated with sufficientloose length in a wood/PVC round block. complete for eachoutlet. Three outlet in a row, above 6Mts upto 10Mtr from tapping point to out let via switches box	Point	10.00	868.19	Rupees Eight Hundred Sixty Eight and Eighteen Paise Only
155	Wiring for lighting/power circuit using one of FRLS PVCinsulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. 1.5 sqmm	Mtrs	400.00	26.37	Rupees Twenty Six and Thirty Six Paise Only
156	Wiring for lighting/power circuit using one of FRLS PVCinsulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. 2.5 sqmm	Mtrs	300.00	41.16	Rupees Forty One and Fifteen Paise Only
157	Wiring for lighting/power circuit using one of FRLS PVCinsulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. 4 sqmm	Mtrs	100.00	57.88	Rupees Fifty Seven and Eighty Seven Paise Only
158	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall .1-3Way	Nos	8.00	122.19	Rupees One Hundred Twenty Two and Eighteen Paise Only
159	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall .4-5Way	Nos	18.00	135.05	Rupees One Hundred Thirty Five and Five Paise Only

Contractor

Executive Engineer,
ASSISTANT EXECUTIVE ENGINEER
Yelahanka Division,
B.B.M.P, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

KK :Development and Construction of Auditorium and Toilet at Yelahanka PU Collage in Ward No-01 of Yelahanka sub Division

MODIFIED SCHEDULE B

	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri HV Omkarappa	
				Rate	Rate in words
	ying and flush mounting powder coated / galvanized metal box ble for mounting modular switch plates. The box should be firmly mounted after due groove cutting in Brick/Stone/C.C wall .6Way	Nos	8.00	160.78	Rupees One Hundred Sixty and Seventy Seven Paise Only
	plying and flush mounting powder coated / galvanized metal box able for mounting modular switch plates. The box should be firmly sh mounted after due groove cutting in Brick/Stone/C.C wall . 8 Way	Nos	8.00	186.50	Rupees One Hundred Eighty Six and Forty Nine Paise Only
	pplying and flush mounting powder coated / galvanized metal box itable for mounting modular switch plates. The box should be firmly ush mounted after due groove cutting in Brick/Stone/C.C wall .10-12Way	Nos	4.00	212.22	Rupees Two Hundred Twelve and Twenty Two Paise Only
	upplying and flush mounting powder coated / galvanized metal box itable for mounting modular switch plates. The box should be firmly ush mounted after due groove cutting in Brick/Stone/C.C wall .1-3Way	Nos	8.00	128.62	Rupees One Hundred Twenty Eight and Sixty Two Paise Only
	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. 1 to 3 Module	Nos	8.00	141.48	Rupees One Hundred Forty One and Forty Eight Paise Only
	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. 4 Module	Nos	8.00	160.78	Rupees One Hundred Sixty and Seventy Seven Paise Only
	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. 6 Module	Nos	8.00	225.09	Rupees Two Hundred Twenty Five and Eight Paise Only
	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. 8 Module	Nos	8.00	257.24	Rupees Two Hundred Fifty Seven and Twenty Four Paise Only
	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. 10-12 Module	Nos	4.00	295.83	Rupees Two Hundred Ninety Five and Eighty Two Paise Only
	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293 6Amps one way Switch	Nos	50.00	90.03	Rupees Ninety and Three Paise Only
9	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293 16Amps one way switch	Nos	4.00	147.91	Rupees One Hundred Forty Seven and Ninety One Paise Only
70	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293 6/16Amps universal socket	Nos	20.00	208.36	Rupees Two Hundred Eight and Thirty Six Paise Only
171	Supplying, fixing and wiring Earth Leakage Miniature Circuit Breaker (ELMCB) 240/450V up to 300mA sensitivity on existing wood/panel board. 16-25 Amps 2 pole	Nos	2.00	2958.26	Rupees Two Thousand Nine Hundred Fifty Eight and Twenty Six Paise Only
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Executive Engineer,
ASSISTANT EXECUTIVE ENGINEER
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BRUHAT BANGALORE MAHANAGARA PALIKE

F WORK :Development and Construction of Auditorium and Toilet at Yelahanka PU Collage in Ward No-01 of Yelahanka sub Division

MODIFIED SCHEDULE B

	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri HV Omkarappa	
				Rate	Rate in words
	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 withShort circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32Amps SP	Nos	12.00	558.21	Rupees Five Hundred Fifty Eight and Twenty One Paise Only
74	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 withShort circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32Amps DP	Nos	2.00	1169.16	Rupees One Thousand One Hundred Sixty Nine and Fifteen Paise Only
175	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure. 12Way SP &N , Double door	Nos	2.00	2315.16	Rupees Two Thousand Three Hundred Fifteen and Sixteen Paise Only
176	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No.of Strip indicated in GTP & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A (55/7.4) , 4 core 10 sqmm	Mtrs	40.00	152.80	Rupees One Hundred Fifty Two and Seventy Nine Paise Only
177	Supplying and fixing cast Aluminium round or oblong type bulk head fitting with GI wire guard, glass cover with suitable wattage 230V LED lamp(20/4.3)	Nos	20.00	960.79	Rupees Nine Hundred Sixty and Seventy Nine Paise Only
178	Supply of round/square recess/surface mounted rolling type LED Down light with .....W GU 10 LED Lamp RibFabricated from Die cast aluminium with white powdercoated prewired to mains connector & has swiveling unit ofaluminium die cast eye ball & LED Lamp position retained bycircular wire spring, with Life of 25000 burning hours & 70%lumen maintenance with CRI > 80. Power Input: 220-240V@ 50/60Hz & Power factor >0.9 along with CE approved. 2years Warranty against any manufacturing defect working nder standard electrical condition. LED square or round down light 10-12W	Nos	23.00	987.80	Rupees Nine Hundred Eighty Seven and Eighty Paise Only
179	Supplying exhaust fan of 1440 RPM of 300mm (12") size with bracket blades complete for light duty suitable to operate on 230V 50Hz, AC Supply.	Nos	6.00	1543.44	Rupees One Thousand Five Hundred Forty Three and Forty Four Paise Only
180	Providing 20mm thick cement plaster (cement mortar 1:4) in single coat with cement mortar, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, including providing and removing scaffolding, cost of materials, labour, curing etc., complete as per specification. Providing floating coat of cement to plastering and finishing smooth, including cost of materials, labour, curing completeas per specifications	Sqm	0.00	341.39	Rupees Three Hundred Forty One and Thirty Eight Paise Only

Executive Engineer,
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		Unit	Quantity	Rate	Rate in words
181	KSRB15-5 :Providing rough cement-plastering15mm thick in single coat with cement mortar to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(Quantity upto 125%)	Sqm	188.33	226.02	Rupees Two Hundred Twenty Six and Two Paise Only
	(Quantity above 125%)		384.11	248.39	Rupees Two Hundred Forty Eight and Thirty Eight Paise Only
182	Providing and fixing Vitrified glazed tiles of approved make, quality . & colour of size 600 x 600 x 10mm thick fixed on bed of 12mm thick cement mortar for flooring, skirting and jointed with neat cement slurry mixed with pigment to mach shade of tiles, including providing spacers at required interval and removing stains, including cost of all mateirals,mortar, labour, etc., Complete as per specification.	Sqm	0.00	1148.95	Rupees One Thousand One Hundred Forty Eight and Ninety Four Paise Only
183	Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, (approved make) cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.(Quantity upto 125%)	pan	13.00	1566.85	Rupees One Thousand Five Hundred Sixty Six and Eighty Five Paise Only
	Quantity Above125%		24.00	1566.85	Rupees One Thousand Five Hundred Sixty Six and Eighty Five Paise Only
184	Providing and fixing in position brass stop cock of approved quality nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.2 /13.3 20mm nominal dia	Each	0.00	165.99	Rupees One Hundred Sixty Five and Ninety Eight Paise Only
	EIRL ITEM				
E1	Providing and fixing granite flooring in combination of 19mm thick (Avg) gang saw water cut LAKARED granite with 86% and with 14% of 19mm thicl (avg) Black granite in CM 1:4 proportion with a coat of rough plastering using CM 1:4, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, grooves in joints including cost of curing etc., complete including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification. Ground Floor	Sqm	558.35	4089.59	Rupees Four Thousand Eighty Nine and Fifty Nine Paise Only
E2	Providing and fixing granite flooring in combination of 19mm thick (Avg) gang saw water cut LAKARED granite with 86% and with 14% of 19mm thicl (avg) Black granite in CM 1:4 proportion with a coat of rough plastering using CM 1:4, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, grooves in joints including cost of curing etc., complete including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification. First Floor	Sqm	287.83	4091.95	Rupees Four Thousand Ninety One and Ninety Four Paise Only

Executive Engineer,
Yelahanka Division
B.B.M.P, Bangalore

Contractor

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :Development and Construction of Auditorium and Toilet at Yelahanka PU Collage in Ward No-01 of Yelahanka sub Division

MODIFIED SCHEDULE B

Item no	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri HV Omkarappa	
				Rate	Rate in words
E3	Providing and fixing 12.5mm to 25 mm expanded metal work of 14 gauge with Mathi or Nandi wood patties of 50 mm x 12 mm size, including two coats approved paint etc., complete. (Including cost of screws). with weld mesh 75 mm X 25 mm 6G X 10G.(P.No.270, I.No.37.55 of PWD SR 2018-19)	Sqm	138.56	1745.79	Rupees One Thousand Seven Hundred Forty Five and Seventy Eight Paise Only
E4	Providing and Fixing Stainless Steel sink of sizes above 60cms x 45cms in 20mm thick granite slab of by cutting required thickness and width of grooves and fixing using adhesives etc., complete including cost and conveyance of all materials, labour for all items of work, HOM of equipment with all lead and lift, loading and unloading, transportation charges and all other incidental charges etc., complete as per specification and directions of the Engineer-in-charge of the work.	Sqm	4.00	1848.20	Rupees One Thousand Eight Hundred Forty Eight and Twenty Paise Only
E5	KSRB 14.9-2 : Providing and laying M-15 cement concrete flooring 60 mm thick with metallic concrete hardner toping, under layer of 45mm thick M-15 cement concrete using broken granite metal of 20mm and down size and top layer of 15mm thick metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with metalic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement = 1 part of metallic floor hardening compound of approved quality by wt) , including finishing, cost of materials, labour, curing, complete as per specifications. Specification No. KBS 14.4 Ground Floor	Sqm	260.91	825.22	Rupees Eight Hundred Twenty Five and Twenty One Paise Only
E6	KSRB 14.9-2 : Providing and laying M-15 cement concrete flooring 60 mm thick with metallic concrete hardner toping, under layer of 45mm thick M-15 cement concrete using broken granite metal of 20mm and down size and top layer of 15mm thick metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with metalic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement = 1 part of metallic floor hardening compound of approved quality by wt) , including finishing, cost of materials, labour, curing, complete as per specifications. Specification No. KBS 14.4 First Floor	Sqm	172.20	827.57	Rupees Eight Hundred Twenty Seven and Fifty Seven Paise Only
E7	Providing and fixing granite flooring in combination of 19mm thick (Avg) gang saw water cut LAKARED granite with 86% and with 14% of 19mm thicl (avg) Black granite in CM 1:4 proportion with a coat of rough plastering using CM 1:4, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with scalant, grooves in joints including cost of curing etc., complete including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification. Second Floor	Sqm	235.96	4094.30	Rupees Four Thousand Ninety Four and Thirty Paise Only

Executive Engineer,
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MODIFIED SCHEDULE B

Item no	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri HV Omkarappa	
				Rate	Rate in words
E8	Providing and fixing M.S.Grill over existing compound wall as per, using 16mm x 16mm M.S.Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x12mm M.S. flat for ornamental design and providing shop edge design at the vertex of every vertical rods, including welding, grinding wherever necessary. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification.	Sqm	330.72	6320.39	Rupees Six Thousand Three Hundred Twenty and Thirty Eight Paise Only
E9	KSRB 12-5.4 : – Constructing brick masonry circular type manhole 1.22 m internal dia at bottom, 2.29m deep and 0.56m dia at top, with table moulded and non modular bricks of class designation 50 in cement mortar 1:4, inside cement plaster 12mm thick with cement mortar 1:3, finished with a floating coat of neat cement, foundation concrete M 10 using 40mm and down size granite metal and making necessary channel in cement concrete M 15 with 20mm and down size granite metal, finished with a floating coat of neat cement, with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560mm internal diameter confirming to IS :12592, total weight length of cover and frame to be not less than 182 kg, fixed in cement concrete M 15 20mm and down size broken granite metal, providing and removing centering, shuttering including cost of materials, labour charges, HOM of mechineries complete as per specifications. (Exeavation, footrests and 12mm thick cement plaster on the external surface shall be paid seperately) Specification No. KBS 12.4	Nos	5.00	41028.95	Rupees Forty One Thousand Twenty Eight and Ninety Five Paise Only
E10	KSRB 12-6.1 : Providing 20mm square M S footrest and fixing in manhole with M 10 cement concrete block of 20x20x10cms, using 20mm and down size metal of size including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 12.4.6	Nos	40.00	324.91	Rupees Three Hundred Twenty Four and Ninety Paise Only
E11	KSRB 14.9-2 : Providing and laying M-15 cement concrete flooring 60 mm thick with metallic concrete hardner toping, under layer of 45mm thick M-15 cement concrete using broken granite metal of 20mm and down size and top layer of 15mm thick metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with metalic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement = 1 part of metallic floor hardening compound of approved quality by wt) , including finishing, cost of materials, labour, curing, complete as per specifications. Specification No. KBS 14.4 Second Floor	Sqm	547.01	829.93	Rupees Eight Hundred Twenty Nine and Ninety Two Paise Only

Contractor

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